Claims

1. Still for distilling a potable alcoholic liquid, said still comprising a chamber (1) with a copper wall (10) designed to hold an alcoholic liquid (L), the filling capacity of said chamber (1) representing a certain volume (V) and the liquid (L) occupying said volume (V) at the start of distillation and the wall (10) defining, by mutual contact, a first interface presenting an area (S1) of which the ratio (S1/V) to the volume (V) is a maximum of 27 square centimeters per liter, characterized in that it additionally comprises at least one additional copper surface contact element (2) arranged in the chamber (1), at least partially immersed in the alcoholic liquid (L), and defining with it when it occupies the volume (V), a second interface with non-zero area (S2), and in that the ratio ((S1+S2)/V) of the total area (S1+S2) of the first and second interfaces to the volume (V) is at least 30 square centimeters per liter.

2. Still according to Claim 1, characterized in that the ratio ((S1+S2)/V) of the total area (S1+S2) of the first and second interfaces to the volume (V) is a maximum of 45 square centimeters per liter, or preferably a maximum of 40 square centimeters per liter.

3. Still according to Claim 1 or 2, characterized in that it comprises multiple additional copper surface contact elements (2) formed by respective copper plates (2) arranged vertically in the chamber (1).

4. Still according to Claim 3, characterized in that the copper plates (2) are arranged radially around a vertical symmetry axis (Z) of the chamber (1), and are attached to each other by supporting components (3) which form a rigid structure (4) with the plates (2).

5. Still according to Claim 4, characterized in that the supporting components (3) include a copper mounting (31) by means of which the rigid structure (4) rests on the bottom (100) of the chamber (1).

6. Still according to Claim 4 or 5, characterized in that the supporting components (3) include two copper rings (32,33) separated from each other, parallel to one another, centered on the axis of symmetry (Z) of the chamber (1) and attached to each of the plates (2).

7. Application of a still according to any of the preceding claims to the distillation of wine or a wine distillate as a potable alcoholic liquid (L).

8. Application according to Claim 7, wherein each additional copper contact surface element (2) remains completely immersed in the wine throughout the distillation process.

9. Application according to Claim 7 or 8, wherein the wine is distilled to produce cognac.